# RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/657,600

Source: TFWO

Date Processed by STIC: 11-9-04

# *ENTERED*

IFWO

RAW SEQUENCE LISTING                    DATE: 11/09/2004
PATENT APPLICATION:  US/10/657,600      TIME: 11:01:47

Input Set : **A:\ISPS2000.ST25.txt**
Output Set: **N:\CRF4\11092004\J657600.raw**

```
 3 <110> APPLICANT: Buchardt, Ole
 4         Egholn, Michael
 5         Nielsen, Peter Eigil
 6         Berg, Rolf Henrik
 8 <120> TITLE OF INVENTION: PEPTIDE NUCLEIC ACIDS
10 <130> FILE REFERENCE: ISPS-2000
12 <140> CURRENT APPLICATION NUMBER: US 10/657,600
13 <141> CURRENT FILING DATE: 2003-09-08
15 <150> PRIOR APPLICATION NUMBER: US 08/468,719
16 <151> PRIOR FILING DATE: 1995-06-06
18 <150> PRIOR APPLICATION NUMBER: US 08/108,591
19 <151> PRIOR FILING DATE: 1993-11-22
21 <150> PRIOR APPLICATION NUMBER: PCT/EP92/01219
22 <151> PRIOR FILING DATE: 1993-05-01
24 <150> PRIOR APPLICATION NUMBER: DK 510/92
25 <151> PRIOR FILING DATE: 1992-04-15
27 <150> PRIOR APPLICATION NUMBER: DK 986/91
28 <151> PRIOR FILING DATE: 1991-05-24
30 <150> PRIOR APPLICATION NUMBER: DK 987/91
31 <151> PRIOR FILING DATE: 1991-05-24
33 <160> NUMBER OF SEQ ID NOS: 45
35 <170> SOFTWARE: PatentIn version 3.3
37 <210> SEQ ID NO: 1
38 <211> LENGTH: 10
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Oligonucleotide
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50 <211> LENGTH: 16
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Oligonucleotide
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58 gatccaaaaa aaaaag                                   16
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62 <211> LENGTH: 16
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial
66 <220> FEATURE:
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 69 <400> SEQUENCE: 3
 70 gatccttttt tttttg                                               16
 73 <210> SEQ ID NO: 4
 74 <211> LENGTH: 10
 75 <212> TYPE: DNA
 76 <213> ORGANISM: Artificial
 78 <220> FEATURE:
 79 <223> OTHER INFORMATION: Oligonucleotide
 81 <400> SEQUENCE: 4
 82 tttttttttt                                                      10
 85 <210> SEQ ID NO: 5
 86 <211> LENGTH: 20
 87 <212> TYPE: DNA
 88 <213> ORGANISM: Artificial
 90 <220> FEATURE:
 91 <223> OTHER INFORMATION: Oligonucleotide
 93 <400> SEQUENCE: 5
 94 tttttctttt ttttttttc                                            20
 97 <210> SEQ ID NO: 6
 98 <211> LENGTH: 20
 99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Oligonucleotide
105 <400> SEQUENCE: 6
106 ttcttctttt ttttttttcc                                           20
109 <210> SEQ ID NO: 7
110 <211> LENGTH: 20
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Oligonucleotide
117 <400> SEQUENCE: 7
118 aaaaagaaaa aaaaaaaaag                                           20
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 20
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Oligonucleotide
129 <400> SEQUENCE: 8
130 aagaagaaaa aaaaaaaagg                                           20
133 <210> SEQ ID NO: 9
134 <211> LENGTH: 10
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Oligodeoxyribonucleotide
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141 <400> SEQUENCE: 9
142 aaaaagaaaa                                                          10
145 <210> SEQ ID NO: 10
146 <211> LENGTH: 10
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Oligodeoxyribonucleotide
153 <400> SEQUENCE: 10
154 aagaagaaaa                                                          10
157 <210> SEQ ID NO: 11
158 <211> LENGTH: 10
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Oligodeoxyribonucleotide
165 <400> SEQUENCE: 11
166 aaaagaaaaa                                                          10
169 <210> SEQ ID NO: 12
170 <211> LENGTH: 10
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Oligodeoxyribonucleotide
177 <400> SEQUENCE: 12
178 aaaagaagaa                                                          10
181 <210> SEQ ID NO: 13
182 <211> LENGTH: 10
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Oligodeoxyribonucleotide
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190 ttttcttttt                                                          10
193 <210> SEQ ID NO: 14
194 <211> LENGTH: 10
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Oligodeoxyribonucleotide
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202 ttttcttctt                                                          10
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206 <211> LENGTH: 9
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Oligodeoxyribonucleotide
213 <400> SEQUENCE: 15
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PATENT APPLICATION:   US/10/657,600     TIME: 11:01:47

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219 <212> TYPE: DNA
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223 <223> OTHER INFORMATION: Oligodeoxyribonucleotide
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229 <210> SEQ ID NO: 17
230 <211> LENGTH: 10
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Oligodeoxyribonucleotide
237 <400> SEQUENCE: 17
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241 <210> SEQ ID NO: 18
242 <211> LENGTH: 15
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Oligodeoxyribonucleotide
249 <400> SEQUENCE: 18
250 tttttttttt ttttt                                                 15
253 <210> SEQ ID NO: 19
254 <211> LENGTH: 15
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Oligodeoxyribonucleotide
261 <400> SEQUENCE: 19
262 aaaaaaaaaa aaaaa                                                 15
265 <210> SEQ ID NO: 20
266 <211> LENGTH: 10
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial
270 <220> FEATURE:
271 <223> OTHER INFORMATION: Oligonucleotide
273 <400> SEQUENCE: 20
274 aaaaggagag                                                       10
277 <210> SEQ ID NO: 21
278 <211> LENGTH: 10
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Oligonucleotide
285 <400> SEQUENCE: 21
286 gagaggaaaa                                                       10
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PATENT APPLICATION: US/10/657,600       TIME: 11:01:47

Input Set : **A:\ISPS2000.ST25.txt**
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290 <211> LENGTH: 10
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Oligonucleotide
297 <400> SEQUENCE: 22
298 aaaagtagag                                                10
301 <210> SEQ ID NO: 23
302 <211> LENGTH: 10
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Oligonucleotide
309 <400> SEQUENCE: 23
310 aaaaggtgag                                                10
313 <210> SEQ ID NO: 24
314 <211> LENGTH: 10
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Oligonucleotide
321 <400> SEQUENCE: 24
322 gagatgaaaa                                                10
325 <210> SEQ ID NO: 25
326 <211> LENGTH: 10
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial
330 <220> FEATURE:
331 <223> OTHER INFORMATION: Oligonucleotide
333 <400> SEQUENCE: 25
334 gagtggaaaa                                                10
337 <210> SEQ ID NO: 26
338 <211> LENGTH: 10
339 <212> TYPE: DNA
340 <213> ORGANISM: Artificial
342 <220> FEATURE:
343 <223> OTHER INFORMATION: Deoxyoligonucleotide
345 <400> SEQUENCE: 26
346 aaaaataaaa                                                10
349 <210> SEQ ID NO: 27
350 <211> LENGTH: 10
351 <212> TYPE: DNA
352 <213> ORGANISM: Artificial
354 <220> FEATURE:
355 <223> OTHER INFORMATION: Deoxyoligonucleotide
357 <400> SEQUENCE: 27
358 aaaacaaaaa                                                10
361 <210> SEQ ID NO: 28
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RAW SEQUENCE LISTING ERROR SUMMARY          DATE: 11/09/2004
PATENT APPLICATION:  **US/10/657,600**          TIME: 11:01:48

Input Set : **A:\ISPS2000.ST25.txt**
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### Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45

VERIFICATION SUMMARY                    DATE: 11/09/2004
PATENT APPLICATION:   US/10/657,600     TIME: 11:01:48

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